

From: [Jennifer Woronets](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#); [Chip Humphrey/R10/USEPA/US@EPA](#); [Kristine Koch/R10/USEPA/US@EPA](#)
Cc: [ANDERSON.Jim@deq.state.or.us](#); [audiehuber@ctuir.com](#); [Eric Blischke/R10/USEPA/US@EPA](#); [Bob Wyatt](#); [cunninghame@gorge.net](#); [erin.madden@gmail.com](#); [Greg.Gervais@noaa.gov](#); [Chip Humphrey/R10/USEPA/US@EPA](#); [JD Williams](#); [Jennifer Peers](#); [Jennifer Woronets](#); [Julie Fox](#); [Julie Weis](#); [Keith Pine](#); [Kristine Koch/R10/USEPA/US@EPA](#); [lisa.bluelake@grandronde.org](#); [MCCLINCY Matt](#); [McKenna, Jim](#); [Michael Karnosh](#); [Rick Applegate](#); [Robert Neely](#); [Rose Longoria](#); [sheila@ridolfi.com](#); [Bob Wyatt](#); [david.ashton@portofportland.com](#); [wolffg@plu.edu](#); [J Betz](#); [Jim.McKenna@portofportland.com](#); [karen.traeger@total.com](#); [Patty Dost \ \(Schwabe\\)](#); [Rick Applegate](#); [Steve Parkinson](#); [kpine@anchorenv.com](#); [Amanda Shellenberger](#); [Jennifer Woronets](#)
Subject: RE: LWG Stormwater Loading Check-ins - posted to server
Date: 02/19/2009 09:20 AM

Eric, Chip, Kristine,

The stormwater loading check-ins information has been posted to the LWG server in the following location

[LWG](#) | [Content](#) | [PHCP Files](#) | **Documents Under Review**

Thank you,
Jen Woronets ☺
Anchor QEA, LLC
jworonets@anchoragea.com
6650 SW Redwood Lane, Suite 333
Portland, OR 97224
503-670-1108 Ext 24
503-670-1128 Fax

Anchor and QEA recently merged. Please note our new company name and email addresses.

 Please consider the environment before printing this email.

The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by electronic mail at jworonets@anchoragea.com

From: Jennifer Woronets
Sent: Wednesday, February 18, 2009 6:24 PM
To: [Blischke.Eric@epamail.epa.gov](#); [Humphrey.Chip@epamail.epa.gov](#); [Koch.Kristine@epamail.epa.gov](#)
Cc: 'ANDERSON.Jim@deq.state.or.us'; 'audiehuber@ctuir.com'; 'Blischke.Eric@epamail.epa.gov'; 'Bob Wyatt'; 'cunninghame@gorge.net'; 'erin.madden@gmail.com'; 'Greg Gervais (Greg.Gervais@noaa.gov)'; 'Humphrey.Chip@epamail.epa.gov'; 'JD Williams'; 'Jennifer Peers'; 'Jennifer Woronets'; 'Julie Fox'; 'Julie Weis'; 'Keith Pine'; 'Koch.Kristine@epamail.epa.gov'; 'lisa.bluelake@grandronde.org'; 'MCCLINCY Matt'; 'McKenna, Jim'; 'Michael Karnosh'; 'Rick Applegate'; 'Robert Neely'; 'Rose Longoria'; 'Sheila Fleming (sheila@ridolfi.com)'; 'Bob Wyatt'; 'david.ashton@portofportland.com'; 'Fred G. Wolf (wolffg@plu.edu)'; 'J Betz'; 'Jim.McKenna@portofportland.com'; Karen Traeger (karen.traeger@total.com); 'Patty Dost (Schwabe)'; 'Rick Applegate'; Steve Parkinson; Keith Pine (kpine@anchorenv.com); Amanda Shellenberger
Subject: RE: LWG Stormwater Loading Check-ins (email w/out attachment)

Eric, Chip, Kristine,

Please see below from Amanda.

The LWG stormwater loading check-ins will be posted to the LWG server tomorrow. I will provide the location once it has been posted.

I am forwarding this copy of my previous email without the zip file attached.

Thank you,
Jen Woronets ☺
Anchor QEA, LLC
jworonets@anchoragea.com
6650 SW Redwood Lane, Suite 333
Portland, OR 97224
503-670-1108 Ext 24
503-670-1128 Fax

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From: Jennifer Woronets
Sent: Wednesday, February 18, 2009 6:17 PM
To: Blischke.Eric@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov; Koch.Kristine@epamail.epa.gov
Cc: ANDERSON.Jim@deq.state.or.us; audiehuber@ctuir.com; Blischke.Eric@epamail.epa.gov; Bob Wyatt; cunninghame@gorge.net; erin.madden@gmail.com; Greg Gervais (Greg.Gervais@noaa.gov); Humphrey.Chip@epamail.epa.gov; JD Williams ; Jennifer Peers; Jennifer Woronets; Julie Fox; Julie Weis; Keith Pine; Koch.Kristine@epamail.epa.gov; lisa.bluelake@grandronde.org; MCCLINCY Matt; McKenna, Jim; Michael Karnosh; Rick Applegate; Robert Neely; Rose Longoria; Sheila Fleming (sheila@ridolfi.com); Bob Wyatt; david.ashton@portofportland.com; Fred G. Wolf (wolffg@plu.edu); J Betz; Jennifer Woronets; Jim.McKenna@portofportland.com; Karen Traeger (karen.traeger@total.com); Patty Dost (Schwabe); Rick Applegate; Steve Parkinson; Keith Pine (kpine@anchorenv.com); Jennifer Woronets; Amanda Shellenberger (ashellenberger@anchorenv.com)
Subject: FW: LWG Stormwater Loading Check-ins

Eric, Chip, Kristine,

Please see below and attached LWG stormwater loading check-ins from Amanda.

This information will be posted to the LWG server tomorrow. I will provide the location once it has been posted.

Please note that the attachment is a zip file. I will forward a second copy of this email, without the attachment, for those who are not able to receive zip files by email.

Thank you,
Jen Woronets ☺
Anchor QEA, LLC
jworonets@anchoragea.com
6650 SW Redwood Lane, Suite 333
Portland, OR 97224
503-670-1108 Ext 24
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Anchor and QEA recently merged. Please note our new company name and email addresses.



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From: Amanda Shellenberger
Sent: Wednesday, February 18, 2009 4:01 PM
To: Jennifer Woronets
Subject: LWG Stormwater Loading Check-ins

Jen – Can you forward this onto EPA

Chip, Eric, and Kristine -

These check-in points were requested by EPA in their November 6, 2008 comments on the Stormwater Loading Methods Report. The four check-ins are summarized below. The path above points the way to a text document detailing the four check-in points as well as the backup information and tables for each check-in. There is a lot of information here, so please feel free to contact me and I can walk you through all of it. These check-ins will be discussed during the Stormwater Check-in Meeting next Friday February 27th from 9-12.

Check-in Point #1: Partition Coefficients for Chemicals

Prior to using any partition coefficients in any calculations, a table should be provided that includes the chemical name, range of literature values with citations, range of site specific values, and LWG recommended value for calculations and model. Agreement between EPA and LWG should be reached before moving forward.

Check-in Point #2: Data Outliers

Prior to conducting any calculations or evaluations using data sets with laboratory replicates or field duplicates, any data that is recommended for removal shall be specified and the rational for removal provided. Agreement between EPA and LWG should be reached before moving forward.

Check-in Point #3: Recategorization of Data

Prior to conducting any loading calculations with the data sets for Heavy Industrial Land Use and "Non-Representative" Sites, any data that is recommended for recategorization shall be specified and the rational for recategorization provided. Agreement between EPA and LWG should be reached before moving forward.

Check-in Point #4: List of Stormwater Load Inputs for Model

Prior to conducting any modeling efforts using stormwater load inputs, a table should be provided that includes the chemical name, range of unweighted loads, range of weighted loads, LWG recommended input loads for model, and short description (e.g., <5 words) indicating data used (e.g., whole water, solids, whole water and solids, etc.). Note that we are calling these "loading rates" because they are in units of concentration that will be applied to flows to obtain actual loads as a later step. This appears consistent with the intent of EPA's use of the general term "load" for this check in.

Amanda Shellenberger, P.E.

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Anchor and QEA recently merged. Please note our new company name and email addresses.

ANCHOR QEA, LLC

www.anchoragea.com

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